

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10551147"	US-PGPUB; USPAT	OR	ON	2009/02/09 14:54
S2	10	(("0655546") or ("3655546") or ("3576730") or ("4370206") or ("5331310") or ("5522979") or ("5537446") or ("6073478")).PN.	USPAT; USOCR	OR	OFF	2009/02/09 15:19
S3	207	((ROBERT) near2 (GRANT)).INV.	US-PGPUB; USPAT	OR	ON	2009/02/09 15:53
S4	52	((PATRICK) near2 (DAVIS)).INV.	US-PGPUB; USPAT	OR	ON	2009/02/09 15:53
S5	2	((CAROLYN) near2 (HUGHES)).INV.	US-PGPUB; USPAT	OR	ON	2009/02/09 15:54
S6	20	("3071530"   "3278408"   "3410778"   "3503861"   "3509034").PN. OR ("3655546").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 08:26
S7	10	(("0655546") or ("3655546") or ("3576730") or ("4370206") or ("5331310") or ("5522979") or ("5537446") or ("6073478")).PN.	USPAT; USOCR	OR	OFF	2009/02/10 09:03
S8	1	S7 and vacuum	US-PGPUB; USPAT	OR	ON	2009/02/10 09:03
S9	2402	electrochemical and "solid electrolyte" and vacuum and oxygen	US-PGPUB; USPAT	OR	ON	2009/02/10 09:04
S10	633	electrochemical and "solid electrolyte" and vacuum and oxygen and semiconductor	US-PGPUB; USPAT	OR	ON	2009/02/10 09:05
S11	348	electrochemical and "solid electrolyte" and vacuum and oxygen and semiconductor and (sensor or detector)	US-PGPUB; USPAT	OR	ON	2009/02/10 09:09
S12	116	electrochemical and "solid electrolyte" and vacuum and oxygen and semiconductor and (sensor or detector) same gas	US-PGPUB; USPAT	OR	ON	2009/02/10 09:14
S13	1061	("THE BOC GROUP).as.	US-PGPUB; USPAT	OR	ON	2009/02/10 09:55
S14	16	("THE BOC GROUP).as. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 09:55
S15	12	"4744954"	US-PGPUB; USPAT	OR	ON	2009/02/10 10:01
S16	2483	204/421-429.xls.	US-PGPUB; USPAT	OR	ON	2009/02/10 10:27

S17	1704	204/421-429.cds. and "solid electrolyte"	US-PGPUB; USPAT	OR	ON	2009/02/10 10:27
S18	230	204/421-429.cds. and "solid electrolyte" and (vacuum or ("sub\$1atmospheric pressure"))	US-PGPUB; USPAT	OR	ON	2009/02/10 10:29
S19	920910	ion gauges	US-PGPUB; USPAT	OR	ON	2009/02/10 11:10
S20	535	"ion gauge"	US-PGPUB; USPAT	OR	ON	2009/02/10 11:10
S21	103679	"ion gauge" electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 11:11
S22	38	"ion gauge" and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 11:11
S23	165	"ion gauge" and sensor	US-PGPUB; USPAT	OR	ON	2009/02/10 11:12
S24	8106	sensor with sensitivity and (vacuum or (below with normal near pressure))	US-PGPUB; USPAT	OR	ON	2009/02/10 11:18
S25	4231	sensor with sensitivity and (vacuum or (below with normal near pressure)) and detect\$3 and (oxygen or hydrocarbon or (water or "h.2.o"))	US-PGPUB; USPAT	OR	ON	2009/02/10 11:19
S26	0	sensor with sensitivity and (vacuum or (below with normal near pressure)) and detect\$3 and (oxygen or hydrocarbon or (water or "h.2.o")) and "semiconductor manufactur\$3"	US-PGPUB; USPAT	OR	ON	2009/02/10 11:20
S27	0	sensor with sensitivity and (vacuum or (below with normal near pressure)) and detect\$3 and (oxygen or hydrocarbon or (water or "h.2.o")) and "semiconductor manufactur"	US-PGPUB; USPAT	OR	ON	2009/02/10 11:20
S28	214	sensor with sensitivity and (vacuum or (below with normal near pressure)) and detect\$3 and (oxygen or hydrocarbon or (water or "h.2.o")) and semiconductor adj manufactur \$3	US-PGPUB; USPAT	OR	ON	2009/02/10 11:20
S29	207	(Robert NEAR2 Grant).inv.	US-PGPUB; USPAT	OR	ON	2009/02/10 11:31
S30	6	(Robert NEAR2 Grant).inv. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 11:31
S31	6961	(Robert Bruce Grant).inv. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 11:32
S32	0	("Robert Bruce Grant").inv.	US-PGPUB; USPAT	OR	ON	2009/02/10 11:32
S33	0	(Robert adj Bruce adj Grant).inv.	US-PGPUB; USPAT	OR	ON	2009/02/10 11:32

S34	20	("3071530"   "3278408"   "3410778"   "3503861"   "3509034").PN. OR ("3655546").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/10 14:06
S35	937	("Beckman Instruments").as.	US-PGPUB; USPAT	OR	ON	2009/02/10 14:08
S36	57	("Beckman Instruments").as. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 14:08
S37	0	204/195.cds.	US-PGPUB; USPAT	OR	ON	2009/02/10 14:10
S38	2	("3071530").PN.	USPAT; USOOR	OR	OFF	2009/02/10 14:10
S39	4	((("3071530") or ("3509034"))). PN.	USPAT; USOOR	OR	OFF	2009/02/10 14:11
S40	0	potography and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 14:38
S41	20	"3576730"	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/10 14:39
S42	31	Ag and electrolyte	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/10 15:14
S43	9	AgCl and electrolyte	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/10 15:18
S44	0	AgCl and solid adj electrolyte	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/10 15:18
S45	0	AgCl and "solid electrolyte"	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/10 15:18
S46	287	AgCl and "solid electrolyte"	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/10 15:19
S47	26	AgCl with "solid electrolyte"	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/10 15:19
S48	17	AgCl with "solid electrolyte" and gas	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/10 15:24
S49	10	AgCl with "solid electrolyte" and gas and (sensor or detector)	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/10 15:24
S50	394	204/421-429.cds. and "solid electrolyte" and (Ag or silver)	US-PGPUB; USPAT	OR	ON	2009/02/10 16:27
S51	24	204/421-429.cds. and "solid electrolyte" and ((Ag or silver) adj ion)	US-PGPUB; USPAT	OR	ON	2009/02/10 16:28
S52	571	205/775.cds.	US-PGPUB; USPAT	OR	ON	2009/02/11 13:38
S53	25	"5650054"	US-PGPUB; USPAT	OR	ON	2009/02/11 15:14
S54	11	"5827415"	US-PGPUB; USPAT	OR	ON	2009/02/11 15:22
S55	345	kennard.in.	US-PGPUB; USPAT	OR	ON	2009/02/11 15:28
S56	12	kennard.in. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/11 15:28

S57	27550	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum	US-PGPUB; USPAT	OR	ON	2009/02/11 15:31
S58	1785	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/11 15:32
S59	1366	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode	US-PGPUB; USPAT	OR	ON	2009/02/11 15:32
S60	134729	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode and solid electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:32
S61	108	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode and "solid electrolyte"	US-PGPUB; USPAT	OR	ON	2009/02/11 15:33
S62	637	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:41
S63	256	gas with vacuum and (measur \$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:41
S64	256	(gas with vacuum) and (measur \$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:43
S65	0	(gas with "in a vacuum") and (measur\$4 or sens\$3 or detect \$3) with vacuum and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:47
S66	0	(gas with "in a vacuum") and ((measur\$4 or sens\$3 or detect \$3) with vacuum) and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:47
S67	637	gas and ((measur\$4 or sens\$3 or detect\$3) with vacuum) and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:47
S68	1809	gas and ((measur\$4 or sens\$3 or detect\$3) with vacuum) and electrochemical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/11 15:48
S69	24	gas and ((measur\$4 or sens\$3 or detect\$3) with vacuum) and electrochemical	EPO; JPO; DERWENT	OR	ON	2009/02/11 15:48
S70	3588	you.in.	US-PGPUB; USPAT	OR	ON	2009/02/11 16:24
S71	119	you.in. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/11 16:24
S72	377	204/408.cls.	US-PGPUB; USPAT	OR	ON	2009/02/12 07:58

S73	227	204/408.ccls. and gas SAME (sens\$3 or measur\$3 or detect \$3)	US-PGPUB; USPAT	OR	ON	2009/02/12 08:00
S74	227	204/408.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:00
S75	140	204/408.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3)) and (reference with (gas or air))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:22
S76	62	204/409.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3)) and (reference with (gas or air))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:29
S77	68	204/410.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3)) and (reference with (gas or air))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:34
S78	133	204/421.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3)) and (reference with (gas or air))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:41
S79	709	204/424.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3)) and (reference with (gas or air))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:48
S80	6	"4310402"	US-PGPUB; USPAT	OR	ON	2009/02/12 13:42
S81	21	"5,071,526"	US-PGPUB; USPAT	OR	ON	2009/02/12 13:49
S82	9	"4400260"	US-PGPUB; USPAT	OR	ON	2009/02/12 13:55
S83	4	"6435005"	US-PGPUB; USPAT	OR	ON	2009/02/12 13:58
S84	17	"4897174"	US-PGPUB; USPAT	OR	ON	2009/02/12 14:13
S85	16	"3871981"	US-PGPUB; USPAT	OR	ON	2009/02/12 15:15
S86	3607	heater and nichrome and wire	US-PGPUB; USPAT	OR	ON	2009/02/12 15:16
S87	2221	heater and nichrome and wire and gas	US-PGPUB; USPAT	OR	ON	2009/02/12 15:16
S88	84	heater and nichrome and wire and gas and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/12 15:16
S89	8466	seal with vacuum and sensor	US-PGPUB; USPAT	OR	ON	2009/02/13 13:29
S90	596	seal with vacuum and sensor and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/13 13:29
S91	46	seal with vacuum and (sensor near gas) and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/13 13:30
S92	819	seal and (sensor near gas) and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/13 13:33

S93	294	seal and (sensor near gas) and electrochemical and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2009/02/13 13:34
S94	70	seal and (sensor near gas) and electrochemical and ("204".clas. or "205".clas.) and ((range near pressure) or (vacuum))	US-PGPUB; USPAT	OR	ON	2009/02/13 13:36
S95	87	solid adj electrolyte and gas and electrochemical and H+	US-PGPUB; USPAT	OR	ON	2009/02/13 14:06
S97	9	membrane and "gas sensor" and electrochemical and H+	US-PGPUB; USPAT	OR	ON	2009/02/13 14:20
S98	2673	electrolyt\$ with (organic near acid)	US-PGPUB; USPAT	OR	ON	2009/02/13 14:21
S99	984	electrolyt\$ with (organic near acid) and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/13 14:21
S100	101	electrolyt\$ with (organic near acid) and electrochemical and (gas with (sens\$3 or detect\$3 or measur\$4))	US-PGPUB; USPAT	OR	ON	2009/02/13 14:22
S101	474943	(ELECTROCHEMICAL MEASURING CELL WITH ACID ELECTROLYTE).ti.	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:38
S102	0	("ELECTROCHEMICAL MEASURING CELL WITH ACID ELECTROLYTE").ti.	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:39
S103	4977716	EP "0305961"	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:39
S104	0	"EP0305961"	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:39
S105	2344	"acid electrolyte"	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:39
S106	1652819	"acid electrolyte" and organic acid	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:39
S107	84	"acid electrolyte" and "organic acid"	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:40
S108	1	"5650054".pn. and heat	US-PGPUB; USPAT	OR	ON	2009/02/16 09:32
S109	1	("5683570").PN.	USPAT; USOOR	OR	OFF	2009/02/16 12:19
S110	2	("3598711").PN.	USPAT; USOOR	OR	OFF	2009/02/16 13:19
S111	1	("6073478").PN.	USPAT; USOOR	OR	OFF	2009/02/16 13:52
S112	560	membrane and gas and electrochemical and H+	US-PGPUB; USPAT	OR	ON	2009/02/16 13:56
S113	177447	(hydrogen or "hydrogen gas") and (generation or evolve or create) and (metal or metal \$1hydride)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:14

S114	31383	(hydrogen or "hydrogen gas") SAME (generation or evolve or create) and (metal or metal \$1hydride)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:14
S115	31383	(hydrogen or "hydrogen gas") SAME (generation or evolve or create) and (metal or metal \$1hydride)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:15
S116	6559	(hydrogen or "hydrogen gas") SAME (generation or evolve or create) and (metal or metal \$1hydride) and (H+ or proton or "hydrogen ion") and gas	US-PGPUB; USPAT	OR	ON	2009/02/16 14:15
S117	309	(hydrogen or "hydrogen gas") SAME (generation or evolve or create) and (metal or metal \$1hydride) and (H+ or proton or "hydrogen ion") and gas near (sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:16
S118	58	("3793158"   "3864628"   "3880722"   "4025412"   "4171253"   "4227984"   "4240799"   "4369647"   "4443793"   "4580439"   "4584867"   "4587104"   "4644333"   "4718991"   "4776203"   "4792433"   "4836907"   "4876115"   "4887455"   "4893108"   "4911892"   "4916935"   "5019263"   "5055266"   "5069794"   "5104425"   "5133857"   "5173166"   "5186810"   "5238729"   "5302274"   "5331310"   "5332424"   "5650054").PN. OR ("5841021").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 14:30
S119	197	(hydrogen or "hydrogen gas") with (generation or evolve or create) and (metal or metal \$1hydride) and (H+ or proton or "hydrogen ion") and gas near (sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:35
S120	0	(hydrogen or "hydrogen gas") with (generation or evolve or create) and (metal\$1hydride) and (H+ or proton or "hydrogen ion") and gas near (sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:38
S121	0	(hydrogen or "hydrogen gas") with (generation or evolve or create) and (metal\$1hydride or (solid near1 hydrated near1 species) or (organic near1 species)) and (H+ or proton or "hydrogen ion") and gas near (sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:42

S122	1	"7,396,443"	US-PGPUB; USPAT	OR	ON	2009/02/16 14:50
S123	5	("3567383"   "3864232"   ("4595485"   "4882032").PN. OR ("7396443").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/02/16 14:51
S124	2	(metal\$1hydride) and (H+ or proton or "hydrogen ion") and gas near (sense\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:53
S125	144	(silver\$1salt or silver\$1chloride or silver\$1halide or silver \$1iodide or silver\$1bromide or Ag\$1Cl or Ag\$1Br or Ag\$1I) same catalyst same electrode	US-PGPUB; USPAT	OR	ON	2009/02/16 16:02
S126	110	(silver\$1salt or silver\$1chloride or silver\$1halide or silver \$1iodide or silver\$1bromide or Ag\$1Cl or Ag\$1Br or Ag\$1I) same catalyst same electrode and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/16 16:03
S127	27	(silver\$1salt or silver\$1chloride or silver\$1halide or silver \$1iodide or silver\$1bromide or Ag\$1Cl or Ag\$1Br or Ag\$1I) with catalyst same electrode and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/16 16:05

2/16/2009 4:43:54 PM

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